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Claim Amendments:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1. (Previously Presented) A superconducting article, comprising: a substrate having a length, a width and a longitudinal direction, wherein the length is greater than the width and the longitudinal direction extends along the length; and a layer of superconductor material overlying the substrate, said layer comprising a plurality of superconductor strips and at least one superconductive bridge coplanar with the plurality of superconductive strips, wherein (i) the plurality of superconductor strips extend along a longitudinal direction, the superconductor strips comprising first and second superconductor strips extending parallel to each other along the longitudinal direction, being coextensive with each other along at least a portion of the length, and being spaced apart from each other along the width by a gap having a length extending parallel perpendicular to the longitudinal direction; and the at least one superconductive bridge electrically connecting eoupling at least the first and second superconductor strips with each other and spanning the gap, wherein the substrate has a dimension ratio of not less than about 10.
- 2. (Canceled)
- 3. (Original) The superconducting article of claim 1, wherein the superconductor strips are spaced apart from each other by an average gap width of at least 1 µm.
- 4. (Original) The superconducting article of claim 3, wherein said average gap width is not less than about 5 µm.
- 5. (Original) The superconducting article of claim 3, wherein the superconductor strips are spaced apart from each other by a substantially constant gap.

- 6. (Original) The superconducting article of claim 1, wherein the first and the second superconductor strips have an average width of at least 5 μm .
- 7. (Original) The superconducting article of claim 5, wherein the first and second superconductor strips have substantially the same width.

8. (Canceled)

- 9. (Previously Presented) The superconducting article of claim 1, wherein the superconductor layer is formed by deposition to overlie the substrate.
- 10. (Previously Presented) The superconducting article of claim 1, wherein the superconductor layer is subjected photolithographic processing to form the superconductive strips.
- 11. (Original) The superconducting article of claim 10, wherein the photolithographic processing is effective to remove portions of the superconductor layer, leaving behind the superconductor strips.
- 12. (Previously Presented) The superconducting article of claim 1, wherein the at least one superconductive bridge comprises a plurality of superconductive bridges.

13. (Canceled)

- 14. (Previously Presented) The superconducting article of claim 12, wherein the superconductive bridges are spaced apart generally periodically along a length of the substrate.
- 15. (Previously Presented) The superconducting article of claim 1, wherein the article comprises a minimum of one superconductive bridge per 100m of substrate.
- 16. (Previously Presented) The superconducting article of claim 1, wherein the article comprises at least one superconductive bridge per 50m of substrate.

- 17. (Previously Presented) The superconducting article of claim 1, wherein the article comprises at least one superconductive bridge per 10m of substrate.
- 18. (Previously Presented ended) The superconducting article of claim 1, wherein article comprises at least one superconductive bridge per 1m of substrate.
 - 19. (Canceled)
- 20. (Original) The superconducting article of claim 1, further comprising at least one conductive shunt layer overlying the superconductor layer.
- 21. (Original) The superconducting article of claim 1, further comprising a biaxially textured layer, over which the superconductor layer is provided.
- 22. (Original) The superconducting article of claim 21, wherein the biaxially textured layer comprises an IBAD layer.
- 23. (Previously Presented) The superconducting article of claim 1, wherein the layer of superconductor material is comprised of a high temperature superconductor.
- 24. (Original) The superconducting article of claim 23, wherein the high temperature superconductor comprises REBa₂Cu₃O_{7-x}, wherein RE is a rare earth element.
- 25. (Original) The superconducting article of claim 24, wherein the superconductor material comprises YBa₂Cu₃O₇.
- 26. (Original) The superconducting article of claim 1, wherein the substrate has a dimension ratio of not less than 10^2 .
- 27. (Original) The superconducting article of claim 1, wherein the substrate has a dimension ratio of not less than 10^3 .

- 28. (Original) The superconducting article of claim 1, wherein the article is in the form of a superconducting tape.
- 29. (Previously Presented) The superconducting article of claim 1, wherein the substrate, the superconductive strips, and the at least one superconductive bridge form a superconductive tape, the article comprising a coil having a plurality of superconductive tapes.
- 30. (Previously Presented) The superconducting article of claim 1, wherein the article is a power transformer, the power transformer comprising at least a primary winding and a secondary winding, wherein at least one of the primary winding and secondary winding comprises a wound coil of superconductive tape, the superconductive tape comprising said substrate, said superconductor strips, and said at least one superconductive bridge.
- 31. (Previously Presented) The superconducting article of claim 1, wherein the article is a rotating machine, the rotating machine comprising at least one winding, wherein the at least one winding comprises a superconductive tape formed of said substrate, said superconductor strips, and said at least one superconductive bridge.
- 32. (Original) The superconducting article of claim 31, wherein the rotating machine is a power generator or motor.
 - 33-42. (Canceled)
- 43. (New) The superconducting article of claim 1, wherein the entirety of the bridge connecting the superconducting strips is superconductive.